AUTOCHAIR
World Leading Vehicle Adaptations

Operating Instructions

Milford Person Lift – 23.5 Stone

CE

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Milford Person Lift – Safety Points

The function of the Milford Person Lift is to transfer a person simply, safely and with a degree of comfort, from a wheelchair to a vehicle or other seat and *vice versa*. It should not be used for any other purpose.

- Lifting straps should be threaded through the buckles correctly as shown on page 7, to avoid slipping. If there is any evidence of excess wear on the straps, or if they are frayed, for whatever reason, you should contact your supplier for a replacement sling immediately. Do not use a damaged sling.

- Ensure all straps are set correctly. All metal clips are positively located on their lugs before lifting. Do not lift/lower at the same time as transferring the person into and out of the vehicle.

- Keep hands, clothing and electrical cord of hand control clear of all moving parts during lifting/lowering operations.

- The purpose of the velcro base of the hand control is so that it may be placed on the top parallel arm, avoid using hand control whilst attached to the body of the lift.

- Avoid catching electrical lead in car door or moving parts of the hoist, this could result in the lead getting damaged.

- During wet weather avoid getting the electrical connection and vicinity wet.

- There should be no sharp edges on either the Milford Person Lift or the fitting kit. If you find any sharp edges, please contact your supplier before use.

- Please make sure that you are completely happy with the complete operation of your Milford Person Lift before operating it yourself. Misuse of the product could result in injury.

- Never use a system that has signs of damage.

- Your Milford Person lift should be inspected at least every year by a qualified person.

- **Remember**: The Milford Person Lift is only doing the lifting work, it does not control the lateral movement of the lift. The operator MUST ALWAYS keep a hand on the lift to control the lateral position of the person being transferred. Failure to do so may result in injury.

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Operating the Milford Person Lift

1. Before lift is in position

2. Mounting the Lift onto the post

3. Continued

4. Insert the extension arm

5. Insert the Spreader bar

6. Connect the leg straps to the spreader bar

7. Connect the side straps to the spreader bar

8. Press up to raise the person off the seat

9. Once raised, move the person forwards

10. Start to pull out of the vehicle

11. You can now come straight out of the door

It may be necessary to help to lift the user's feet out of the vehicle at this stage. This depends on the height of the user and vehicle into which the lift is fitted. Please take care when helping the feet out so as to avoid any strain on the operator. By lifting the user higher than appears necessary can help to get their feet out of the vehicle.

12. Position the wheelchair

13. Lower into the wheelchair holding strap

14. Pull strap up when lowering

Once in a good sitting position, the sling can then be disconnected from the spreader bar, ready for use when arriving at your destination.

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The Milford Person Lift has the power socket at the side of the mounting post (shown fitted into a vehicle). The lead on the lift should be connected directly:

The Handset is extremely simple, with one Button for Up and one for Down. As soon as you release the button, the lift will stop either lifting or lowering.

Once your passenger is seated the arm is removed and can be stored in the carry bag in the boot of the vehicle, for use when you have arrived at your destination.

The carry bag comes in 2 sizes, standard and large. The standard bag is suitable for a lift which has not been extended, e.g. for use in standard vehicles, the large bag is suitable for extended lifts being used in MPV's & 4x4's.

Slings

The slings come in various sizes which are colour coded as follows, the example shown is a medium sling:

Extra Small	-	White
Small	-	Yellow
Medium	-	Green (shown)
Large	-	Red
Extra Large	-	Blue

The lifting straps of the sling should be adjusted so that each strap is as short as possible, giving the best lift and the most manoeuvrability for the person.

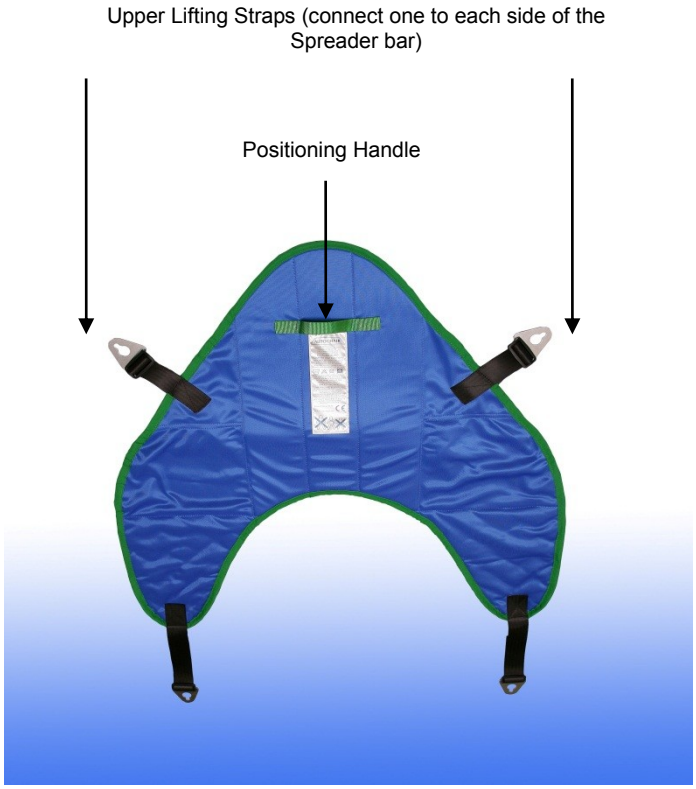
The correctly adjusted sling should lift the passenger, in a seated position at lower chest height and not
above the shoulder height or at waist height. If there is a lot of slack in the straps when the sling is connected to the 'spreader bar', they should be shortened. The longer the straps are, the less the range of lift that can be achieved and the sling will not offer as much support.

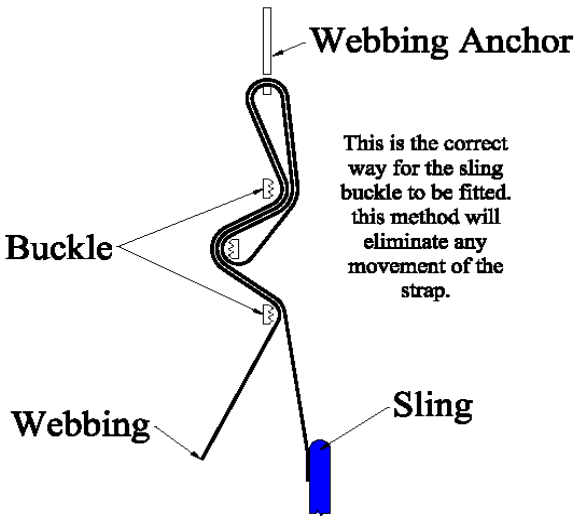
The sling supplied with the Milford is determined during your initial assessment. However, if it does not suit, or you have not had an assessment, please consult Autochair.

When you wash your Milford Person Lift Sling, you must remove the adjusters and the keyhole connectors – failure to do so may result in damage to your washing machine. Your sling can be washed at up to 75 degrees Celsius.

Do not use your Milford person Lift if either the sling or connecting straps show signs of excessive wear or fraying.

Only the supplied Milford Person Lift Sling should be used with the Milford Person Lift.




Webbing Anchor
This is the correct way for the sling buckle to be fitted. this method will eliminate any movement of the strap.
Buckle
Webbing
Sling

Technical Information:

Weight of the lifting arm	18.7lbs (8.5kgs)
Maximum current draw	20 Amps
Maximum lifting capacity, SWL	150kg (330lbs)
Maximum range of lift	530mm *
Power supply	12V
Sling Sizes	Extra small to extra large
Product Material	Aluminium and Mild Steel
Material finish	Powder coated

*This does not mean that it will necessarily lift a person by this total range CE

The Milford Person Lift has different lifting capacities depending on the extension settings. These are detailed in the table below;

Extension Setting	Lift (mm)	kg	lbs	Stone
Maximum Extension	599	118	260	18.5
5 Holes Visible	566	122	268	19.2
4 Holes Visible	533	127	280	20
3 Holes Visible	500	132	291	20.8
2 Holes Visible	467	138	304	21.7
1 Hole Visible	432	144	317	22.6
Minimum Extension	401	151	333	23.8

Table 1

Trouble Shooting and Frequently Asked Questions

Problem:	**Suggestions:**
Will not lift high:	Has the lifting arm been extended to the correct length? This should only be done by a qualified person. Are the straps on the sling set to the correct length? They should be set as short as possible.
The lift does not work	Is the light on the handset on? If no, is the unit switched on? Unit is switched on, but no light, is it plugged in? Is plugged in and switched on, but still does not work, has the vehicle got a flat battery or has the fuse blown? (the fuse is located next to the vehicle's battery) Fuse has not blown but still no power – A visible check of all connections and wires to make sure that the wire has not been cut, e.g. due to trapping. If any of these solutions do not solve the problem, please call your supplier.

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The handset does not work	Has the connector into the handset come out? If so, replace. If not, has the connector at the other end of the handset wire come out of the electrics box? If so, replace. Has the wire to the handset been damaged? If yes, then use the emergency Up/Down buttons to operate: Emergency Up and Down buttons are located here: →
User is uncomfortable when lifted	Make sure that the sling is correct positioned and that it is not creased underneath their legs. If all material is even, then adjusting the straps may help alleviate discomfort.
Milford is lifting very slowly	Is the person being lifted too heavy for the lift? 150kg is the maximum safe working load. (See table 1). Is the vehicle's battery charged? If not, it may help to have the engine running whilst operating - However, Autochair do not recommend this as the person being transferred may inadvertently knock a primary control whilst entering the vehicle.
What about servicing?	We recommend a service every year to ensure the safety, reliability and Performance of your Milford Person Lift. Our servicing department will remind you when the time comes around.
What if my car is involved in an accident?	As with all of our adaptations, if you think that your Milford Person Lift has been damaged due to a road traffic accident. Please give us a call and we can assess the best course of action.

<u>If you continue to have a technical problem with your Milford, please contact your supplier</u>

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Warranty - Repair

The warranty period for the Milford Electric Person Lift is 12 months from the date of delivery. This warranty will cover any **defects of workmanship or function** of the Milford Person Lift.

The warranty **does not cover** any incorrectly installed Milford Person Lift or one whose mechanical or electrical components have been damaged due to **incorrect use or accident.**

The warranty does not cover consequential loss, unless regional law requires otherwise.

The warranty is invalidated if the seal on either the actuator or control box is broken. These contain no user replaceable components. No alteration should be made to the Milford Person Lift by anyone other than a qualified person, as defined by Autochair Ltd.

In the event of damage or defects in the actuator,' the Milford Person Lift will be collected by our distributor who will remove the actuator and return it to Autochair Ltd for evaluation.

NO cables must be cut as they are fitted with connectors that must be correctly removed before repairs commence

In the event of any malfunction of the electrical circuit box or handset which requires replacement, they should be removed and returned as a set.

Please keep a note of the following:

1. Serial Number: _____

2. Date supplied: _____

3. Details of supplier: (Stamp): _____

_____

_____

Postcode/Zip: _____ Tel. _____

Notes: _____

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